



**ES SERIES MAGNETO AND IGNITION HARNESS  
APPLICATION BY ENGINE MODEL  
LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-145-B2	No Impulse	ES-600644-1 (S4LP-204)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-145-B2	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-145-B3	No Impulse	ES-600644-1 (S4LP-204)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-145-B3	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-145-C2	No Impulse	ES-600644-1 (S4LP-204)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-145-C2	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
GO-145-C2	No Impulse	ES-600644-1 (S4LP-204)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
GO-145-C2	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
GO-145-C3	No Impulse	ES-600644-1 (S4LP-204)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
GO-145-C3	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-C1	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-235-C1	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-235-C1	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-C1	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

\*Half Harnesses: KA1xxxxL = Left    KA1xxxxR = Right

Color Harness: KA1xxxx = Red    KA1xxxxB = Black    KA1xxxxF = Yellow.

Blue harnesses (KA1XXXXD) are available exclusively through Aircraft Spruce & Specialty

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<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-235-C1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-C1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-C1B	Left 25° Retard	ES4347	ES4370	5/8-24	KA14004
O-235-C1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-C1C	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-C1C	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-C2A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-235-C2A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-235-C2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-C2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-C2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-235-C2B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-235-C2C	Left 25° Impulse	ES4371	ES4370	5/8-24	KA14001
O-235-C2C	Both 25° Impulse	ES4371	ES4371	5/8-24	KA14001
O-235-C2C	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-C2C	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-E1	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-E1	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

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# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
O-235-E1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-E2A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-235-E2A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-235-E2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-E2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-E2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-235-E2B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-235-F1	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-F1	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-F1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-F2A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-235-F2A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-235-F2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-F2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-F2B	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-235-F2B	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-235-F2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-235-F2B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365

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**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-235-G1	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-235-G1	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-235-G1	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-G1	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-G1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-G2A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-235-G2A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-235-G2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-G2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-G2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-235-G2B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-235-H2C	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-235-H2C	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-235-H2C	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-H2C	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-J2A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-235-J2A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-235-J2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-J2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

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<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-235-J2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-235-J2B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-235-K2A	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-K2A	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
O-235-K2B	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-235-K2B	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365
O-235-K2C	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14001
O-235-K2C	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14001
O-235-K2C	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-K2C	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
O-235-L2A	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14004
O-235-L2A	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14004
O-235-L2A	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-L2A	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
O-235-L2C	Left Impulse 5° 24V	ES4381	ES4370	5/8-24	KA14001
O-235-L2C	Both Impulse 5° 24V	ES4381	ES4381	5/8-24	KA14001
O-235-L2C	Left Impulse 15° 12V	ES4372	ES4370	5/8-24	KA14001
O-235-L2C	Both Impulse 15° 12V	ES4372	ES4372	5/8-24	KA14001
O-235-L2C	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-L2C	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364

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**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-235-M1	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-M1	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
O-235-M2C	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-M2C	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-M3C	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-M3C	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-N2A	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14004
O-235-N2A	Both 15° Impulse	ES4372	ES4370	5/8-24	KA14004
O-235-N2A	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-N2A	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
O-235-N2C	Left Impulse 5° 24V	ES4381	ES4370	5/8-24	KA14001
O-235-N2C	Both Impulse 5° 24V	ES4381	ES4381	5/8-24	KA14001
O-235-N2C	Left Impulse 20° 12V	ES4371	ES4370	5/8-24	KA14001
O-235-N2C	Both Impulse 20° 12V	ES4371	ES4371	5/8-24	KA14001
O-235-N2C	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-N2C	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
O-235-P1	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-P1	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364

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**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-235-P2A	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-P2A	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
O-235-P2C	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-P2C	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-235-P3C	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-235-P3C	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-290-D	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-290-D2	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-290-D2	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-290-D2	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-290-D2	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-290-D2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-290-D2B	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-290-D2B	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-290-D2B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-290-D2B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-290-D2C	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364

# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
AEIO-320-D1B	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
AEIO-320-D1B	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
AEIO-320-D1B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-320-D1B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
AEIO-320-D2B	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
AEIO-320-D2B	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
AEIO-320-D2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-320-D2B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
AEIO-320-E1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-320-E1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
AEIO-320-E1B	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
AEIO-320-E1B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-320-E1B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
AEIO-320-E2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-320-E2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
AEIO-320-E2B	Both 20° Impulse	ES4371	ES4371	5/8-24	X
AEIO-320-E2B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-320-E2B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

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	<b>LYCOMING 4 CYLINDER</b>					
	<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
	AIO-320-A1A	Left 25° Retard	ES-349285-1 (S4LP-1208)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	AIO-320-A1B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	AIO-320-A2A	Left 25° Retard	ES-349285-1 (S4LP-1208)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	AIO-320-A2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	AIO-320-B1B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	AIO-320-C1B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	IO-320-A1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-320-A2A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-320-B1A* *Non-Turbo	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14000
	IO-320-B1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12112
	IO-320-B1B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-320-B1B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
IO-320-B1C	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	X
IO-320-B1C	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
IO-320-B1C	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
IO-320-B1D	Left 25° Retard	<b>ES-349285-1</b> (S4LP-1208)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>
IO-320-B1E	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>
IO-320-B2A	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
IO-320-B2A	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
IO-320-C1A* *Non-Turbo	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14000</b>
IO-320-C1A	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12112</b>
IO-320-C1B	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
IO-320-D1A	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14005</b>
IO-320-D1A	Both 25° Impulse	<b>ES4373</b>	<b>ES4371</b>	5/8-24	<b>KA14005</b>
IO-320-D1A	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>
IO-320-D1A	Both 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349365-3</b> (S4LP-1227)	5/8-24	<b>KA12365</b>
IO-320-D1B	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14005</b>
IO-320-D1B	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14005</b>
IO-320-D1B	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>
IO-320-D1B	Both 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349365-3</b> (S4LP-1227)	5/8-24	<b>KA12365</b>

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

LYCOMING 4 CYL	ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
		IO-320-D1C	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24
	IO-320-E1A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
	IO-320-E1A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
	IO-320-E1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-320-E1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
	IO-320-E1B	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
	IO-320-E1B	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
	IO-320-E1B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-320-E1B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
	IO-320-E2A	Left 25° Impulse	ES4373	ES4370	5/8-24	X
	IO-320-E2A	Both 25° Impulse	ES4373	ES4373	5/8-24	X
	IO-320-E2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-320-E2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
	IO-320-E2B	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
	IO-320-E2B	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
	IO-320-E2B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-320-E2B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
	IO-320-F1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12112
	LIO-320-B1A* *Non-Turbo	Both 25° Impulse	ES4330	ES4330	5/8-24	KA14000
	LIO-320-B1A	Both 25° Impulse	ES-500514-4 (S4RP-21)	ES-500514-4 (S4RP-21)	5/8-24	KA12112

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
<b>LIO-320-C1A*</b> *Non-Turbo	Both 25° Impulse	<b>ES4330</b>	<b>ES4330</b>	5/8-24	<b>KA14000</b>
<b>LIO-320-C1A</b>	Both 25° Impulse	<b>ES-500514-4</b> (S4LP-21)	<b>ES-500514-4</b> (S4LP-21)	5/8-24	<b>KA12112</b>
<b>O-320-A1A</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
<b>O-320-A1A</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
<b>O-320-A1B</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
<b>O-320-A1B</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
<b>O-320-A2A</b>	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
<b>O-320-A2A</b>	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
<b>O-320-A2A</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
<b>O-320-A2A</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
<b>O-320-A2B</b>	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
<b>O-320-A2B</b>	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
<b>O-320-A2B</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12402</b>
<b>O-320-A2B</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12402</b>
<b>O-320-A2B</b>	Left 25° Impulse	<b>ES-51360-37</b> (S4LP-21)	<b>ES-51360-29</b> (S4LP-20)	5/8-24	<b>KA12402</b>
<b>O-320-A2B</b>	Both 25° Impulse	<b>ES-51360-37</b> (S4LP-21)	<b>ES-51360-37</b> (S4LP-21)	5/8-24	<b>KA12402</b>
<b>O-320-A2C</b>	Left 25° Retard	<b>ES4347</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
<b>O-320-A2C</b>	Left 25° Retard	<b>ES-600614-1</b> (S4LP-200)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12402</b>

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**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-320-A2D	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-320-A2D	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-320-A2D	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-A2D	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-A3A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-320-A3A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-320-A3A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-A3A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-A3B	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-320-A3B	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-320-A3B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-A3B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-A3C	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12402
O-320-B1A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-320-B1A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-320-B1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-B1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-B1B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-B1B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

LYCOMING 4 CYL

LYCOMING 4 CYL

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

	<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE</b>
			<b>MAGNETO Part Number (Type Number)</b>	<b>MAGNETO Part Number (Type Number)</b>		<b>HARNESS</b> Left* & Right* + Hardware Kit
<b>LYCOMING 4 CYL</b>	O-320-B2A	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
	O-320-B2A	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
	O-320-B2A	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
	O-320-B2A	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
	O-320-B2B	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
	O-320-B2B	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
	O-320-B2B	Left 20° Impulse	<b>ES4371</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
	O-320-B2B	Both 20° Impulse	<b>ES4371</b>	<b>ES4371</b>	5/8-24	<b>KA14004</b>
	O-320-B2B	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
	O-320-B2B	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
	O-320-B2B	Left 25° Impulse	<b>ES-51360-37</b> (S4LP-21)	<b>ES-51360-29</b> (S4LP-20)	5/8-24	<b>KA12364</b>
	O-320-B2B	Both 25° Impulse	<b>ES-51360-37</b> (S4LP-21)	<b>ES-51360-37</b> (S4LP-21)	5/8-24	<b>KA12364</b>
	O-320-B2C	Left 25° Retard, Right Tachometer	<b>ES-600614-1</b> (S4LP-200)	<b>ES-600644-201</b> (S4LP-204T)	5/8-24	<b>KA12402</b>
	O-320-B2D	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
	O-320-B2D	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
	O-320-B2D	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12402</b>
	O-320-B2D	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12402</b>
	O-320-B2E	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
	O-320-B2E	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
	O-320-B2E	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
O-320-B2E	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>	

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

LYCOMING 4 CYL	ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit	LYCOMING 4 CYL
	O-320-B3A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-320-B3A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-320-B3B	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004	
	O-320-B3B	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004	
	O-320-B3B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-320-B3B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-320-B3C	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-320-C1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-320-C1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-320-C1B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-320-C1B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-320-C2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-320-C2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-320-C2B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-320-C2B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-320-C2C	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE</b>
		<b>MAGNETO Part Number (Type Number)</b>	<b>MAGNETO Part Number (Type Number)</b>		<b>HARNESS</b> Left* & Right* + Hardware Kit
O-320-C3A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-C3A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-C3B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-C3B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-C3C	Left Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D1A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-320-D1A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-320-D1A	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14004
O-320-D1A	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14004
O-320-D1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-D1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D1C	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D1C	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-D1C	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-D1C	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365

**LYCOMING 4 CYL**

**LYCOMING 4 CYL**

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-320-D1D	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-320-D1D	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-320-D1D	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D1D	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-D1F	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-320-D1F	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-320-D1F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-D1F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-320-D2A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-320-D2A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-320-D2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-D2B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D2C	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-D2C	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-320-D2F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-D2F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365

LYCOMING 4 CYL

LYCOMING 4 CYL

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE</b>
		<b>MAGNETO Part Number (Type Number)</b>	<b>MAGNETO Part Number (Type Number)</b>		<b>HARNESS</b> Left* & Right* + Hardware Kit
O-320-D2H	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D2H	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-D2J	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14002
O-320-D2J	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-D3G	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-320-D3G	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-320-D3G	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-D3G	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-E1A		ES4300	ES4300	5/8-24	KA14004
O-320-E1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-E1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E1C	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-320-E1C	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-320-E1C	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-E1C	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365

**LYCOMING 4 CYL**

**LYCOMING 4 CYL**

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-320-E1F	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-320-E1F	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-320-E1F	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14005
O-320-E1F	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14005
O-320-E1F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-E1F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-320-E1J	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-E1J	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-320-E2A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-320-E2A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-320-E2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-E2B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E2C	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14007
O-320-E2C	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14007
O-320-E2C	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-E2C	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-320-E2D	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-320-E2D	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-320-E2D	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E2D	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
O-320-E2F	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-320-E2F	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-320-E2F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-320-E2F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-320-E2G	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-320-E2G	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-320-E2G	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E2G	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-E2H	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E2H	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-E3D	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-320-E3D	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-320-E3D	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E3D	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-E3H	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-320-E3H	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-320-H2AD	D-2000 OR D-3000 SERIES →			3/4-20	KA12917
O-340-A1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364

# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
O-340-A2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-340-B1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-360-A1A	Left 25° Retard	ES4347	X	5/8-24	KA14004
AEIO-360-A1A	Left 25° Retard	10-600614-1 (S4LP-200)	10-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-360-A1B	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14001
AEIO-360-A1B	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14001
AEIO-360-A1B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-360-A1B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
AEIO-360-A1B	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-360-A1B	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365
AEIO-360-A1B6	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14001
AEIO-360-A1B6	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14001
AEIO-360-A1B6	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
AEIO-360-A1B6	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
AEIO-360-A1B6	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14001
AEIO-360-A1B6	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14001
AEIO-360-A1B6	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-360-A1B6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
AEIO-360-A1B6	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-360-A1B6	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365

LYCOMING 4 CYL

LYCOMING 4 CYL

# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
AEIO-360-A1D	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14004
AEIO-360-A1D	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14004
AEIO-360-A1D	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-360-A1D	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
AEIO-360-A1E	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14004
AEIO-360-A1E	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14004
AEIO-360-A1E	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
AEIO-360-A1E	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
AEIO-360-A1E	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-360-A1E	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
AEIO-360-A1E6	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14004
AEIO-360-A1E6	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14004
AEIO-360-A1E6	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-360-A1E6	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
AEIO-360-A2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-360-A2B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
AEIO-360-A2B	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-360-A2B	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365
AEIO-360-A2C	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
AEIO-360-A2C	Left 15° Retard	ES-349285-7 (S4LP-1208)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
AEIO-360-B1B	Left 25° Retard	ES4347	ES4370	5/8-24	KA14004
AEIO-360-B1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
AEIO-360-B1F w/ Flat Tappets	Left 25° Impulse	ES4347	ES4370	5/8-24	KA14001
AEIO-360-B1F w/ Roller Tappets	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14001
AEIO-360-B1F w/ Roller Tappets	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
AEIO-360-B1F6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	X
AEIO-360-B1G6	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
AEIO-360-B1G6	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
AEIO-360-B1H	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
AEIO-360-B1H	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
AEIO-360-B1H	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
AEIO-360-B2F	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14001
AEIO-360-B2F	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14001
AEIO-360-B2F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
AEIO-360-B2F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
AEIO-360-B2F6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
AEIO-360-B4A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
AEIO-360-B4A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
AEIO-360-B4A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

	<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE</b>	
			<b>MAGNETO Part Number (Type Number)</b>	<b>MAGNETO Part Number (Type Number)</b>		<b>HARNESS</b> Left* & Right* + Hardware Kit	
<b>LYCOMING 4 CYL</b>	AEIO-360-H1A	Both 20° Impulse	<b>ES4371</b>	<b>ES4371</b>	5/8-24	<b>KA14001</b>	
	AEIO-360-H1A	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>	
	AEIO-360-H1B	Both 20° Impulse	<b>ES4371</b>	<b>ES4371</b>	5/8-24	<b>KA14001</b>	
	AEIO-360-H1B	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>	
	AIO-360-A1A	Left 15° Retard	<b>ES-349285-7</b> (S4LP-1208)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>	
	AIO-360-A1B	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>	
	AIO-360-A1B	Both 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349365-3</b> (S4LP-1227)	5/8-24	<b>KA12365</b>	
	AIO-360-A1B	Left 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>	
	AIO-360-A1B	Both 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349365-9</b> (S4LP-1227)	5/8-24	<b>KA12365</b>	
	AIO-360-A2A	Left 25° Retard	<b>ES-349285-1</b> (S4LP-1208)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>	
	AIO-360-A2B	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>	
	AIO-360-A2B	Both 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349365-3</b> (S4LP-1227)	5/8-24	<b>KA12365</b>	
	AIO-360-B1B	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>	
	AIO-360-B1B	Both 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349365-3</b> (S4LP-1227)	5/8-24	<b>KA12365</b>	
	AIO-360-B1B	Left 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>	
	AIO-360-B1B	Both 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349365-9</b> (S4LP-1227)	5/8-24	<b>KA12365</b>	

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
HIO-360-A1A	Both 25° Retard	ES-600614-1 (S4LP-200)	ES-600614-1 (S4LP-200)	5/8-24	KA12364
HIO-360-B1A	Both 25° Retard	ES-600614-1 (S4LP-200)	ES-600614-1 (S4LP-200)	5/8-24	KA12364
HIO-360-B1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
HIO-360-C1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
HIO-360-C1B	Left 25° Retard	ES-349285-1 (S4LP-1208)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
HIO-360-C1B	Left 15° Retard	ES-349285-7 (S4LP-1208)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
HIO-360-D1A	Both 15° Retard	ES4345	ES4345	5/8-24	KA14001
HIO-360-D1A	Both 15° Retard	ES-349285-7 (S4LP-1208)	ES-349285-7 (S4LP-1208)	5/8-24	KA12365
HIO-360-E1AD	D-2000 OR D-3000 SERIES →			3/4-20	KA1415-12
HIO-360-E1BD	D-2000 OR D-3000 SERIES →			3/4-20	KA12944
HIO-360-F1AD	D-2000 OR D-3000 SERIES →			3/4-20	KA12944
HIO-360-G1A	Left 25° Retard	ES4347	ES4370	5/8-24	KA14007
HIO-360-G1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
HO-360-A1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
HO-360-B1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
HO-360-B1B	Both 25° Retard	ES-600614-1 (S4LP-200)	ES-600614-1 (S4LP-200)	5/8-24	KA12364
HO-360-C1A	Left 25° Retard	ES4347	ES4370	5/8-24	KA14007
HO-360-C1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
IO-360-A1A	Left 15° Retard	ES4345	ES4370	5/8-24	KA14004
IO-360-A1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12402
IO-360-A1B	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14004
IO-360-A1B	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14004
IO-360-A1B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A1B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
IO-360-A1B	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A1B	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365
IO-360-A1B6 No Turbo	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14007
IO-360-A1B6 No Turbo	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14007
IO-360-A1B6	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A1B6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
IO-360-A1B6	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A1B6	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365
IO-360-A1B6D	D-2000 OR D-3000 SERIES →			3/4-20	KA12916

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
IO-360-A1C	Left 15° Retard	ES-349285-7 (S4LP-1208)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A1D	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14004
IO-360-A1D	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14004
IO-360-A1D	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
IO-360-A1D	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
IO-360-A1D6	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14012
IO-360-A1D6	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14012
IO-360-A1D6	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A1D6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
IO-360-A1D6	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A1D6	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365
IO-360-A1D6D	D-2000 OR D-3000 SERIES →			3/4-20	KA12915
IO-360-A2A	Left 15° Retard	ES4345	ES4370	5/8-24	KA14004
IO-360-A2B	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14007
IO-360-A2B	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14007
IO-360-A2B	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A2B	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
IO-360-A2B	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A2B	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365
IO-360-A2C	Left 15° Retard	ES-349285-7 (S4LP-1208)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365

# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
IO-360-A3B6	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14007
IO-360-A3B6	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14007
IO-360-A3B6	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-A3B6	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12365
IO-360-A3B6D		D-2000 OR D-3000 SERIES →		3/4-20	KA12916
IO-360-B1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
IO-360-B1B	Left 25° Retard	ES4347	ES4370	5/8-24	KA14004
IO-360-B1B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
IO-360-B1C	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
IO-360-B1D	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
IO-360-B1E	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14006
IO-360-B1E	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14006
IO-360-B1E	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-B1E	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
IO-360-B1F	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
IO-360-B1F	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
IO-360-B1F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-B1F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365

LYCOMING 4 CYL

LYCOMING 4 CYL

# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

	ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
LYCOMING 4 CYL	IO-360-B1F6	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
	IO-360-B1F6	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
	IO-360-B1F6	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	X
	IO-360-B1F6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	X
	IO-360-B1G6	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
	IO-360-B1G6	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
	IO-360-B2E	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14002
	IO-360-B2E	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14002
	IO-360-B2E	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	IO-360-B2E	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
	IO-360-B2F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
IO-360-B2F6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365	

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

LYCOMING 4 CYL	ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
	IO-360-B4A	Left 20° Impulse. For eligibility, see Lycoming SB411D, SI1443S	ES4371	ES4370	5/8-24	KA14004
	IO-360-B4A	Left 25° Impulse. For eligibility, see Lycoming SB411D, SI1443S	ES4373	ES4370	5/8-24	KA14004
	IO-360-B4A	Both 20° Impulse. For eligibility, see Lycoming SB411D, SI1443S	ES4371	ES4371	5/8-24	KA14004
	IO-360-B4A	Both 25° Impulse. For eligibility, see Lycoming SB411D, SI1443S	ES4373	ES4373	5/8-24	KA14004
	IO-360-B4A	Left 25° Retard	ES4347	ES4370	5/8-24	KA14004
	IO-360-B4A	Left 25° Impulse. For eligibility, see Lycoming SB411D, SI1443S	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-360-B4A	Both 25° Impulse. For eligibility, see Lycoming SB411D, SI1443S	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
	IO-360-C1A	Left 15° Retard	ES4345	ES4370	5/8-24	KA14004
	IO-360-C1B	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-360-C1B	Left 15° Retard	ES-349285-7 (S4LP-1208)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365	

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

	<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE</b>
			<b>MAGNETO Part Number (Type Number)</b>	<b>MAGNETO Part Number (Type Number)</b>		<b>HARNESS</b> Left* & Right* + Hardware Kit
<b>LYCOMING 4 CYL</b>	<b>IO-360-C1C</b>	Left 20° Impulse	<b>ES4371</b>	<b>ES4370</b>	5/8-24	<b>KA14027</b>
	<b>IO-360-C1C</b>	Both 20° Impulse	<b>ES4371</b>	<b>ES4371</b>	5/8-24	<b>KA14027</b>
	<b>IO-360-C1C</b>	Left 15° Impulse	<b>ES4372</b>	<b>ES4370</b>	5/8-24	<b>KA14027</b>
	<b>IO-360-C1C</b>	Both 15° Impulse	<b>ES4372</b>	<b>ES4372</b>	5/8-24	<b>KA14027</b>
	<b>IO-360-C1C</b>	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12423</b>
	<b>IO-360-C1C</b>	Both 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349365-3</b> (S4LP-1227)	5/8-24	<b>KA12423</b>
	<b>IO-360-C1C</b>	Left 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12423</b>
	<b>IO-360-C1C</b>	Both 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349365-9</b> (S4LP-1227)	5/8-24	<b>KA12423</b>
	<b>IO-360-C1C6</b>	Left 15° Impulse	<b>ES4372</b>	<b>ES4370</b>	5/8-24	<b>KA14027</b>
	<b>IO-360-C1C6</b>	Both 15° Impulse	<b>ES4372</b>	<b>ES4372</b>	5/8-24	<b>KA14027</b>
	<b>IO-360-C1C6</b>	Left 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12423</b>
	<b>IO-360-C1C6</b>	Both 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349365-9</b> (S4LP-1227)	5/8-24	<b>KA12423</b>
	<b>IO-360-C1D6</b>	Left 15° Impulse	<b>ES4372</b>	<b>ES4370</b>	5/8-24	<b>KA14012</b>
	<b>IO-360-C1D6</b>	Both 15° Impulse	<b>ES4372</b>	<b>ES4372</b>	5/8-24	<b>KA14012</b>
	<b>IO-360-C1D6</b>	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>
	<b>IO-360-C1D6</b>	Both 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349365-3</b> (S4LP-1227)	5/8-24	<b>KA12365</b>
	<b>IO-360-C1D6</b>	Left 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>
	<b>IO-360-C1D6</b>	Both 15° Impulse	<b>ES-349365-9</b> (S4LP-1227)	<b>ES-349365-9</b> (S4LP-1227)	5/8-24	<b>KA12365</b>

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
IO-360-C1E6	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14027
IO-360-C1E6	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14027
IO-360-C1E6	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12423
IO-360-C1E6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12423
IO-360-C1E6	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12423
IO-360-C1E6	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	KA12423
IO-360-C1E6D	D-2000 OR D-3000 SERIES →			3/4-20	KA12915
IO-360-C1F* *No Turbo	Left 15° Impulse	ES4372	ES4370	5/8-24	KA14027
IO-360-C1F* *No Turbo	Both 15° Impulse	ES4372	ES4372	5/8-24	KA14027
IO-360-C1F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	X
IO-360-C1F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	X
IO-360-C1F	Left 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	X
IO-360-C1F	Both 15° Impulse	ES-349365-9 (S4LP-1227)	ES-349365-9 (S4LP-1227)	5/8-24	X
IO-360-C1G6		ES4300	ES4300	5/8-24	KA14007
IO-360-D1A		ES4345	ES4370	5/8-24	X
IO-360-F1A		ES4300	ES4300	5/8-24	KA14006
IO-360-F1A	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
IO-360-F1A	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
IO-360-J1A6D	D-2000 OR D-3000 SERIES →			3/4-20	KA12915

LYCOMING 4 CYL

LYCOMING 4 CYL

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

	<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE</b>
			<b>MAGNETO Part Number (Type Number)</b>	<b>MAGNETO Part Number (Type Number)</b>		<b>HARNESS</b> Left* & Right* + Hardware Kit
<b>LYCOMING 4 CYL</b>	IO-360-K2A	Left 15° Impulse	ES-500514-2 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-360-K2A	Both 15° Impulse	ES-500514-2 (S4LP-21)	ES-500514-2 (S4LP-21)	5/8-24	KA12364
	IO-360-L2A	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14002
	IO-360-L2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
	IO-360-M1A	Left 25° Retard	ES4347	ES4370	5/8-24	KA14012
	IO-360-M1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-360-M1B	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14006
	IO-360-M1B	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14006
	IO-360-M1B	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14006
	IO-360-M1B	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14006
	IO-360-M1B	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-360-M1B	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
	IO-360-N1A	Left 25° Retard	ES4347	ES4370	5/8-24	KA14012
	IO-360-N1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-360-P1A	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
	IO-360-P1A	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
	IO-360-P1A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14001
	IO-360-P1A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14001
	IO-360-P1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	IO-360-P1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
IVO-360-A1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
IVO-360-A1A	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	3/4-20	KA14033
LIO-360-B1G6	Both 25° Impulse	ES4330	ES4330	5/8-24	KA14005
LIO-360-C1E6	Left 15° Impulse	ES4374	X	5/8-24	KA14027
LIO-360-C1E6	Both 15° Impulse	ES4374	ES4374	5/8-24	KA14027
LIO-360-C1E6	Left 25° Impulse	ES-349365-6 (S4RP-1227)	ES-349305-3 (S4RP-1209)	5/8-24	KA12423
LIO-360-C1E6	Both 25° Impulse	ES-349365-6 (S4RP-1227)	ES-349365-6 (S4RP-1227)	5/8-24	KA12423
LIO-360-C1E6	Left 15° Impulse	ES-349365-10 (S4RP-1227)	ES-349305-3 (S4RP-1209)	5/8-24	KA12423
LIO-360-C1E6	Both 15° Impulse	ES-349365-10 (S4RP-1227)	ES-349365-10 (S4RP-1227)	5/8-24	KA12423
LIO-360-M1A	Left 25° Retard	ES4348	X	5/8-24	KA14004
LO-360-A1G6D	No Tach Terminal	D-3000 OR	D-2000	3/4-20	KA12915
LO-360-A1G6D	With Tach Terminal	D-3000 OR	D-2000	3/4-20	KA1444-6
LO-360-A1H6	Left 25° Impulse	ES4330	X	5/8-24	KA14005
LO-360-A1H6	Both 25° Impulse	ES4330	ES4330	5/8-24	KA14005
LO-360-E1A6D		D-3000 OR	D-2000	3/4-20	KA12917
LTO-360-E1A6D		D-3000 OR	D-2000	3/4-20	KA12949
O-360-A1A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-360-A1A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-360-A1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

LYCOMING 4 CYL	ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
		O-360-A1AD		D-2000 OR D-3000 SERIES →		3/4-20
	O-360-A1C	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	O-360-A1D	Left 25° Retard	ES4347	ES4370	5/8-24	KA14004
	O-360-A1D	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
	O-360-A1D	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
	O-360-A1D	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
	O-360-A1F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	O-360-A1F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
	O-360-A1F6	Left 25° Impulse	ES4373	ES4370	5/8-24	X
	O-360-A1F6	Both 25° Impulse	ES4373	ES4373	5/8-24	X
	O-360-A1F6	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	O-360-A1F6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
	O-360-A1F6D	Washac Industries Aircraft	D-2000 OR D-3000 SERIES →		3/4-20	KA12915
	O-360-A1F6D	Cessna 177B and all others	D-2000 OR D-3000 SERIES →		3/4-20	KA12916
	O-360-A1G	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
	O-360-A1G	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365

# ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

## LYCOMING 4 CYLINDER

ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit
O-360-A1G6	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-360-A1G6	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-360-A1G6	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-360-A1G6	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-360-A1G6D	No Tach Terminal	D-2000 OR D-3000 SERIES →		3/4-20	KA12915
O-360-A1G6D	With Tach Terminal	D-2000 OR D-3000 SERIES →		3/4-20	KA1444-6
O-360-A1H	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-360-A1H	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-360-A1H	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A1H	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-360-A1H6	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-360-A1H6	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-360-A1LD	D-2000 OR D-3000 SERIES →			3/4-20	KA12915
O-360-A1P	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-360-A1P	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-360-A1P	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A1P	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-360-A2A	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14004
O-360-A2A	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14004
O-360-A2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-360-A2D	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A2E	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A2F	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14005
O-360-A2F	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14005
O-360-A2F	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-360-A2F	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-360-A2G	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14001
O-360-A2G	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14001
O-360-A2G	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-360-A2G	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)	5/8-24	KA12365
O-360-A2H	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A2H	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-360-A3A	Left 25° Impulse ONLY	ES4373	ES4370	5/8-24	KA14004
O-360-A3A	Left 25° Impulse ONLY	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A3A	Left 25° Impulse ONLY	ES-51360-37 (S4LP-21)	ES-51360-29 (S4LP-20)	5/8-24	KA12364
O-360-A3AD	D-2000 OR D-3000 SERIES →			3/4-20	KA12915
O-360-A3D	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364

LYCOMING 4 CYL

LYCOMING 4 CYL

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
O-360-A4A	Left 25° Impulse ONLY	ES4373	ES4370	5/8-24	KA14004
O-360-A4A	Left 25° Impulse ONLY	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A4A	Left 25° Impulse ONLY	ES-51360-37 (S4LP-21)	ES-51360-29 (S4LP-20)	5/8-24	KA12364
O-360-A4AD	D-2000 OR D-3000 SERIES →			3/4-20	KA12915
O-360-A4D	Left 25° Impulse	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A4G	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14006
O-360-A4G	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14006
O-360-A4G	Left 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349305-1 (S4LP-1209)	5/8-24	KA12365
O-360-A4G	Both 25° Impulse	ES-349365-3 (S4LP-1227)	ES-349365-3 (S4LP-1227)		KA12365
O-360-A4J	Left 25° Impulse ONLY	ES4373	ES4370	5/8-24	KA14004
O-360-A4J	Left 25° Impulse ONLY	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A4K	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-360-A4K	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-360-A4K	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-A4K	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-360-A4K	Left 25° Impulse	ES-51360-37 (S4LP-21)	ES-51360-29 (S4LP-20)	5/8-24	KA12364
O-360-A4K	Both 25° Impulse	ES-51360-37 (S4LP-21)	ES-51360-37 (S4LP-21)	5/8-24	KA12364

LYCOMING 4 CYL

LYCOMING 4 CYL

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

LYCOMING 4 CYL	ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit	LYCOMING 4 CYL
	O-360-A4M	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001	
	O-360-A4M	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001	
	O-360-A4M	Left 25° Impulse	ES4373	ES4370	5/8-24	KA14001	
	O-360-A4M	Both 25° Impulse	ES4373	ES4373	5/8-24	KA14001	
	O-360-A4M	Left 25° Retard	ES4347	ES4370	5/8-24	KA14001	
	O-360-A4M	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-360-A4M	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-360-A4M	Left 25° Impulse	ES-51360-37 (S4LP-21)	ES-51360-29 (S4LP-20)	5/8-24	KA12364	
	O-360-A4M	Both 25° Impulse	ES-51360-37 (S4LP-21)	ES-51360-37 (S4LP-21)	5/8-24	KA12364	
	O-360-A4M	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-360-A4N	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14002	
	O-360-A4N	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-360-A4P	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001	
	O-360-A4P	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001	
	O-360-A4P	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	X	
	O-360-A4P	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	X	
	O-360-A4P	Left 25° Impulse	ES-51360-37 (S4LP-21)	ES-51360-29 (S4LP-20)	5/8-24	X	
	O-360-A4P	Both 25° Impulse	ES-51360-37 (S4LP-21)	ES-51360-37 (S4LP-21)	5/8-24	X	
	O-360-A5AD	D-2000 OR D-3000 SERIES →			3/4-20	KA12915	
	O-360-B1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-360-B1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

	<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE</b>
			<b>MAGNETO Part Number (Type Number)</b>	<b>MAGNETO Part Number (Type Number)</b>		<b>HARNESS</b> Left* & Right* + Hardware Kit
<b>LYCOMING 4 CYL</b>	<b>O-360-B1B</b>	Left 25° Retard	<b>ES-600614-1</b> (S4LP-200)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
	<b>O-360-B2A</b>	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
	<b>O-360-B2A</b>	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
	<b>O-360-B2A</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
	<b>O-360-B2A</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
	<b>O-360-B2B</b>	Left 25° Retard	<b>ES-600614-1</b> (S4LP-200)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
	<b>O-360-B2C</b>	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
	<b>O-360-B2C</b>	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
	<b>O-360-B2C</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
	<b>O-360-B2C</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
	<b>O-360-C1A</b>	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
	<b>O-360-C1A</b>	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
	<b>O-360-C1A</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
	<b>O-360-C1A</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
	<b>O-360-C1C</b>	Left 25° Retard	<b>ES-600614-1</b> (S4LP-200)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
<b>O-360-C1E</b>	Left 20° Impulse	<b>ES4371</b>	<b>ES4370</b>	5/8-24	<b>KA14001</b>	
<b>O-360-C1E</b>	Both 20° Impulse	<b>ES4371</b>	<b>ES4371</b>	5/8-24	<b>KA14001</b>	
<b>O-360-C1E</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>	
<b>O-360-C1E</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>	

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
<b>O-360-C1F*</b> No Turbo	Left 20° Impulse	<b>ES4371</b>	<b>ES4370</b>	5/8-24	<b>KA14001</b>
<b>O-360-C1F*</b> No Turbo	Both 20° Impulse	<b>ES4371</b>	<b>ES4371</b>	5/8-24	<b>KA14001</b>
<b>O-360-C1F</b>	Left 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349305-1</b> (S4LP-1209)	5/8-24	<b>KA12365</b>
<b>O-360-C1F</b>	Both 25° Impulse	<b>ES-349365-3</b> (S4LP-1227)	<b>ES-349365-3</b> (S4LP-1227)	5/8-24	<b>KA12365</b>
<b>O-360-C1G</b>	Left 20° Impulse	<b>ES4371</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
<b>O-360-C1G</b>	Both 20° Impulse	<b>ES4371</b>	<b>ES4371</b>	5/8-24	<b>KA14004</b>
<b>O-360-C1G</b>	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
<b>O-360-C1G</b>	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
<b>O-360-C1G</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
<b>O-360-C1G</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
<b>O-360-C2A</b>	Left 25° Impulse	<b>ES4373</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
<b>O-360-C2A</b>	Both 25° Impulse	<b>ES4373</b>	<b>ES4373</b>	5/8-24	<b>KA14004</b>
<b>O-360-C2A</b>	Left 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
<b>O-360-C2A</b>	Both 25° Impulse	<b>ES-500514-1</b> (S4LP-21)	<b>ES-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
<b>O-360-C2A</b>	Left 25° Impulse	<b>ES-51360-37</b> (S4LP-21)	<b>ES-51360-29</b> (S4LP-20)	5/8-24	<b>KA12364</b>
<b>O-360-C2A</b>	Both 25° Impulse	<b>ES-51360-37</b> (S4LP-21)	<b>ES-51360-37</b> (S4LP-21)	5/8-24	<b>KA12364</b>
<b>O-360-C2B</b>	Left 25° Impulse	<b>10-500514-1</b> (S4LP-21)	<b>10-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>
<b>O-360-C2B</b>	Both 25° Impulse	<b>10-500514-1</b> (S4LP-21)	<b>10-500514-1</b> (S4LP-21)	5/8-24	<b>KA12364</b>
<b>O-360-C2C</b>	Left 25° Retard	<b>ES4347</b>	<b>ES4370</b>	5/8-24	<b>KA14004</b>
<b>O-360-C2C</b>	Left 25° Retard	<b>ES-600614-1</b> (S4LP-200)	<b>ES-600644-1</b> (S4LP-204)	5/8-24	<b>KA12364</b>

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE</b>
		<b>MAGNETO Part Number (Type Number)</b>	<b>MAGNETO Part Number (Type Number)</b>		<b>HARNESS</b> Left* & Right* + Hardware Kit
O-360-C2D	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-C2E	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-360-C2E	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-360-C2E	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-C2E	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-360-C4F	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-360-C4F	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-360-C4F	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	X
O-360-C4P	Left 20° Impulse	ES4371	ES4370	5/8-24	KA14001
O-360-C4P	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14001
O-360-C4P	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	X
O-360-C4P	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	X
O-360-C4P	Left 25° Impulse	ES-51360-37 (S4LP-21)	ES-51360-29 (S4LP-20)	5/8-24	X
O-360-C4P	Both 25° Impulse	ES-51360-37 (S4LP-21)	ES-51360-37 (S4LP-21)	5/8-24	X
O-360-D1A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-D1A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364
O-360-D2A	Left 25° Impulse	ES-500514-1 (S4LP-21)	ES-600644-1 (S4LP-204)	5/8-24	KA12364
O-360-D2A	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364

LYCOMING 4 CYL

LYCOMING 4 CYL

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

LYCOMING 4 CYL	ENGINE MODEL	NOTES	LEFT MAGNETO Part Number (Type Number)	RIGHT MAGNETO Part Number (Type Number)	SPARK PLUG SIZE	COMPLETE HARNESS Left* & Right* + Hardware Kit	LYCOMING 4 CYL
	O-360-D2B	Left 25° Retard	ES-600614-1 (S4LP-200)	ES-600644-1 (S4LP-204)	5/8-24	KA12364	
	O-360-E1A6D	D-2000 OR D-3000 SERIES →			3/4-20	KA12917	
	O-360-F1A6	Both 20° Impulse	ES4371	ES4371	5/8-24	KA14002	
	O-360-F1A6	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-360-G1A6		4300	4300	5/8-24	KA14002	
	O-360-G1A6	Both 25° Impulse	ES-500514-1 (S4LP-21)	ES-500514-1 (S4LP-21)	5/8-24	KA12364	
	O-360-J2A	Left 25° Retard, Right Tachometer	ES-600614-1 (S4LP-200)	ES-600644-201 (S4LP-204T)	5/8-24	KA12402	
	TIO-360-A1A	Left 25° Retard	ES-349285-1 (S4LP-1208)	ES-349305-1 (S4LP-1209)	3/4-20	X	
	TIO-360-A1B	Left 15° Retard	ES-349285-7 (S4LP-1208)	ES-349305-1 (S4LP-1209)	3/4-20	X	
	TIO-360-C1A6D	D-2000 OR D-3000 SERIES →			3/4-20	KA12942	
	TO-360-C1A6D	D-2000 OR D-3000 SERIES →			3/4-20	KA12942	
	TO-360-E1A6D	D-2000 OR D-3000 SERIES →			3/4-20	KA12949	
	VO-360-A1A	Both 25° Impulse	10-500514-1 (S4LP-21)	10-500514-1 (S4LP-21)	5/8-24	KA12364	
	VO-360-A1B		S-20 S-200	S-20 S-200	5/8-24	KA12364	
	VO-360-B1A		S-20 S-200	S-20 S-200	5/8-24	KA12364	

**ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL**

**LYCOMING 4 CYLINDER**

<b>ENGINE MODEL</b>	<b>NOTES</b>	<b>LEFT MAGNETO Part Number (Type Number)</b>	<b>RIGHT MAGNETO Part Number (Type Number)</b>	<b>SPARK PLUG SIZE</b>	<b>COMPLETE HARNESS Left* &amp; Right* + Hardware Kit</b>
AEIO-390-A1A6	Left 15° Retard	ES4345	ES4370	5/8-24	X
AEIO-390-A1B6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
AEIO-390-A3A6	Left 15° Retard	ES4345	ES4370	5/8-24	X
AEIO-390-A3B6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
HIO-390-A1A	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-A1A6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-A1B6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-A3A6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-A3B6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-C1A6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-C1B6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-C3A6	Left 15° Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-C3B6	Left Retard	ES4345	ES4370	5/8-24	KA14012
IO-390-D1A6	Left 15° Retard	X	X	5/8-24	KA14012
IO-390-D1B6	Left 15° Retard	X	X	5/8-24	KA14012
IO-390-D3A6	Left 15° Retard	X	X	5/8-24	KA14012
IO-390-D3B6	Left 15° Retard	X	X	5/8-24	KA14012